

Miratect R

Mineral-based decorative plaster with a grooved finish

Areas of application

Decorative plaster with grooved texture to DIN 18550
For mineral-based wall and ceiling areas in interior and exterior applications.
Can be used in conjunction with alsecco exterior wall systems.

Product properties

- Weather-resistant
- Water-repellent to DIN 18550
- Highly water-vapour permeable
- Proof against driving rain
- Highly resistant to mechanical stress
- Particularly resistant to harmful environmental influences
- Various design options as a result of different particle sizes

Technical data

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| Binder base | Mineral binders to DIN 1060 and DIN 1164 Redispersible synthetic-resin powder |
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| Apparent density of set mortar | approx. 1,5 g/cm ³ |
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| Diffusion-equivalent air-layer thickness (3 mm) | $s_d < 0,1 \text{ m}$ to DIN 52615 Guaranteed limit: $s_d \leq 2,0 \text{ m}$ |
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| Capillary water absorption | $w < 0,2 \text{ kg}/(\text{m}^2 \cdot \text{h})$ to DIN 52617 Guaranteed limit: $w \leq 1,0 \text{ kg}/(\text{m}^2 \cdot \text{h})$ |
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Application instructions

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| Preparation | <ul style="list-style-type: none"> - Apply a first coat of plaster to window soffits. - Use masking tape to cover window sills and mounted parts. |
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| Substrate pre-treatment | <ul style="list-style-type: none"> - All substrates must be sound, even, clean and free from adhesion-reducing residue. - For easier application, we recommend applying a coat of Top Primer P before applying the decorative plaster. |
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Pre-treat the substrates as detailed below:

| Substrate | Treatment |
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| Plasters MG PII, PIII, surface releasing sand | Sub Primer HT |
| Fibre-cement boards | Sub Primer HT |
| Gypsum plasterboard | Sub Primer 1600 |

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| Application instructions | Mixing | 25 kg sack in approx. 5,6 l water Mix using an electric stirrer or compulsory mixer. Mix once again after approx. 2 minutes. |
| | Application | <ul style="list-style-type: none"> - Use a stainless steel trowel to apply at particle thickness and after a short interval smooth over with a circular, vertical or horizontal motion using a plastic trowel. - Complete continuous surfaces without interruption (to avoid application marks in the textured layer) - When working on large facades, divide them up into sections, apply the material continually wet in wet and texture. |
| | Consumption | Particle size 2.0 mm approx. 2,5 kg/m ² Particle size 3.0 mm approx. 3,2 kg/m ² Particle size 4.0 mm approx. 3,5 kg/m ² Determine the exact amount of material required by coating a test area on site. |
| | Information about the weather | The temperature must not fall below + 3 °C during application and drying. Do not apply in direct sunlight. Please note that the setting time is reduced in windy conditions. |
| | Drying time | approx. 1 - 2 days Dependent on temperature, relative humidity and volume applied |
| | Cleaning of tools | With water while product is still fresh |
| Application by machine | Please ask for our special information sheet on machine application. | |
| Packaging | Article number | Particle size 2.0 mm: 01129 Particle size 3.0 mm: 01130 Particle size 4.0 mm: 01131 |
| | Packaging unit | Paper sack 25 kg net |
| | Colour | White and pigmented On account of their special properties, differences in shade and staining cannot always be avoided when using pigmented mineral plasters. When using pigmented products we therefore recommend applying a coat of Equalizing Finish. |

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| Other information | Transport | Not a hazardous product |
| | Storage | Minimum storage life of 1 year if kept dry, protected against moisture, cool and in original sealed packaging. |
| | Information on safety | R 36/38: Irritating to eyes and skin S 2: Keep away from children S 24: Avoid contact with the skin S 26: In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice S 37: Wear suitable gloves |

We will be pleased to provide the EC safety data sheet on request.